

WHAT IS CLAIMED IS:

1. A method of reading an array,
providing an optical array reader comprising a chemical-scavenging filter,
loading said reader with an array,
providing an airflow within said reader,
passing said airflow through said filter, wherein any array within said reader is only substantially exposed to air passed through said filter,
reading said array for data.
2. The method of claim 1, wherein said reader is loaded with a plurality of arrays, which are read in turn.
3. The method of claim 2, wherein said reader is loaded with plurality of arrays placed within a holder.
4. The method of claim 1, wherein said airflow within said reader is provided under positive pressure.
5. The method of claim 1, wherein said airflow within said reader is provided under negative pressure.
6. The method of claim 1, wherein said chemical scavenging filter at least filters ozone.

7. The method of claim 1, wherein said array is a biopolymer array.
8. The method of claim 7, wherein the biopolymer is selected from the group consisting of polypeptides and nucleic acids.
9. The method of claim 7, further comprising retrieving said biopolymer array from a kit comprising, in packaged combination, reagents.
10. The method of claim 1, wherein said airflow through said filter is provided directly to a chamber holding said array.
11. The method of claim 9, wherein said kit further comprises instructions.
12. The method of claim 2 wherein the plurality of arrays comprise arrays of the same array layout.
13. A method comprising transmitting results of reading obtained by the method of claim 1, from a first location to a second location.
14. The method of claim 13, where said second location is a remote location.
15. A method comprising receiving data representing said result of a reading obtained by the method of claim 1.
16. An optical reader system made to operate according to the method of claim 1.

17. The system of claim 15, wherein said reader system is a scanner system.
18. An optical array reading system comprising:
 - array scanning components comprising a processor, a light excitation source, a detector, and a lens assembly positioned to scan arrays,
 - wherein said array scanning components are set within a scanner housing, said scanner housing defining an air inlet, said inlet connected to a chemical-scavenging filter, and
 - wherein a fan is provided and positioned to provide airflow through said inlet and said chemical-scavenging filter.
19. The system of claim 18, wherein said fan is positioned to draw air into said reader body through said chemical-scavenging filter.
20. The system of claim 18, wherein said fan is positioned to push air into said reader body through said chemical-scavenging filter.
21. The system of claim 18, wherein a particulate filter is provided separate from said chemical-scavenging filter.
22. The system of claim 18, wherein said chemical scavenging filter also serves as a particulate filter.

23. The system of claim 18, wherein said chemical scavenging filter at least filters ozone.
24. The system of claim 18, wherein said fan is provided within said reader housing.
25. The system of claim 18, wherein said reader comprises a chamber adapted to receive a holder for carrying a plurality of arrays.
26. The system of claim 25, wherein said fan is positioned to draw air directly into said chamber.
27. The system of claim 25, wherein said fan is positioned to push air directly into said chamber.
28. The system of claim 18, wherein at least said chemical-scavenging filter is provided in a kit with a filter housing for attachment to said scanner.